

3M™ Acrylic Foam Tape 5403

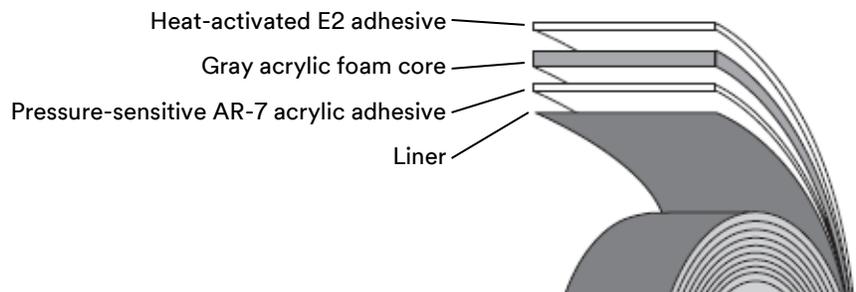
Technical Data Sheet



Description

3M™ Acrylic Foam Tape 5403 is a 0.8 mm thick, medium-density, gray acrylic foam tape constructed with two different adhesives. The heat-activated adhesive forms an immediate, consistent and durable bond to most EPDM formulations and Santoprene® materials. The pressure-sensitive adhesive is characterized by high adhesion and holding strength to many surfaces, including automotive paints and metals. This tape has good conformability and is used to attach weatherstrip and/or gasket seals for automotive and industrial applications. It is recommended for applications where the vehicle taping surface is smooth and a thin tape is necessary.

Product Construction



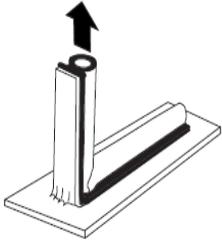
Physical Properties

Values shown are typical values not to be used for specification purposes.

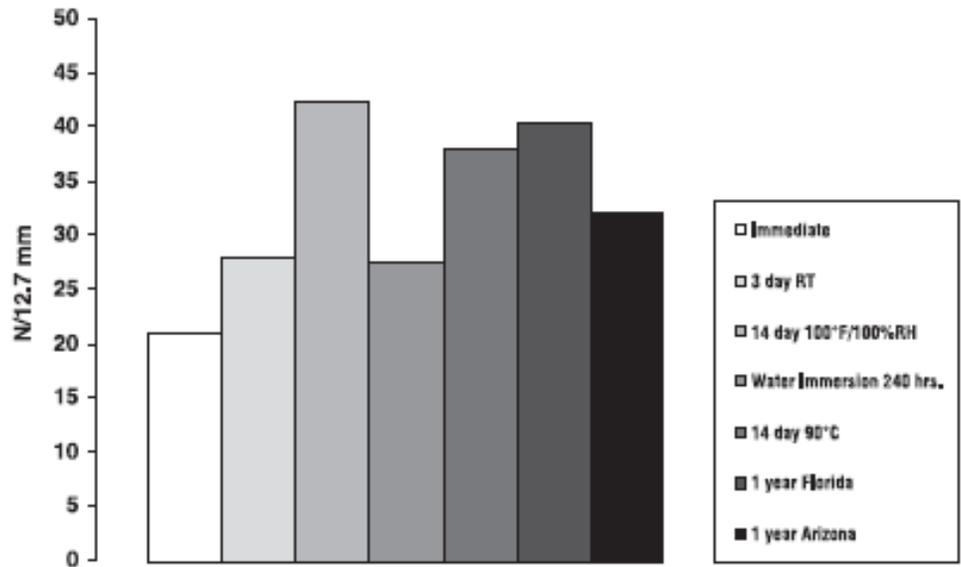
5403	
Thickness Range (excluding liner)	0.80 mm \pm 0.08 mm (0.032 inch \pm 0.003 inch)
Density Range (excluding liner)	690 kg/m ³ \pm 65 kg/m ³ (43 lb/ft ³ \pm 4 lb/ft ³)
Tabbing	3M™ Tabbing Tape 5400

Performance Properties

90° Peel Adhesion



Typical performance of 3M™ Acrylic Foam Tape 5403 is shown below. Peel values depend on the composition and cross-section of a particular weatherstrip. These values are for reference only.



Shelf Life

36 months from date of manufacture when stored at 4°C–38°C (40°F–100°F) and 0–95% relative humidity (RH). The optimum storage conditions are 22°C (72°F) and 50% relative humidity.

Regulatory Information

IMDS# 336081. This is a published material entry on www.mdssystem.com.

Contact Information

The information provided in this technical document is intended as a guide for this product. For more information or help in selecting a 3M product for an application, please contact your 3M application engineer or call product application support at 1-800-328-1684.

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